Work Order Thursday, May 12,		$\mathcal{M}$			•	;				Page 1
Revision ID: Item Name: Ar	m Weldment 12/2011 Start Qty: 67 24/2011 Req'd Qty: 60	//	Accept	Cust Item I Customer:	D:		s	Stop		
Approvals: P	Process Plan:	Date:// <i>US-</i> /	<b>2</b> Tooling: SPC (Y/N):		nte:		R	tun Star Stop		11/1   11   1/1   11   11 1   11   1/1   11
Sequence ID/ Work Center ID	Operation Description		Set Up/ Run Hours	Tool ID	Tool#	Plan Code	Accept Qty	Reject Qty	Reject Number	Insp. Stamp
Draw Nbr	Revision Nbr									
D3560	Rev D	·					*			
100 Bandsaw Jeaspa Bandsaw	BAND SAW Memo Cut bla	unks 16.750" long	0.00 ) 0.00 ml	11/05/3/		,	4			
110  HAAS 1  HAAS CNC vertical ma	Memo achine #1 1- Mill 2-C'sin	as per Folio FA693 Rev: \( \frac{1}{2} \) as per folio FA693 Rev: \( \frac{1}{2} \) as per dwg D3560	0.00 0.00 \$\triangle & Dwg D3560 Rev: \triangle \triangle as per dwg D3560	1 -1-1	02		<u>6</u>	<b>_</b>		
120 QC Quality Control	QC2- Inspect parts  Memo	off machine FAI/FAIB	0.00 0.00	11/05/31			_6_	4		· ·

W/O:			WO	<b>RK ORDER CHANG</b>	ES					
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DATE	STEP	Description of NC		·	ion B	O: 0	Verifica	ation	Approval	Approval
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Thursday, May 12, 2011 3:35:49 PM



Page 2

Item ID:

D3560-041

Accept



Setup Start

Stop



**Revision ID:** 

Item Name:

Arm Weldment

Start Date:

5/12/2011

QC:

Start Qty: 6.00

Required Date: 5/24/2011

Req'd Qty: 6.00



**Cust Item ID:** 

**Customer:** 

Tool ID

\$ 11.06.06

Reference:

Process Plan:

Date:

Date:\_\_\_\_

Tooling: SPC (Y/N):

Date: Date:

Tool # Plan

Code

Run Start

Reject

Qty

Reject

Number

Stop

Insp.

Stamp

Sequence ID/ Work Center ID

130

Quality Control

Operation Description

QC8- Inspect parts - second check

Memo

Set Up/ **Run Hours** 

0.00

0.00

0.00

and 11/04/02

Accept

Qty

140



Large Fab

Large Fab

1-Weld assembly as per dwg D3560

Memo

1- clean material (buff bracket and bottom of arm with blue pad)

- 2- set up bracket and arm on jig
- 3- preheat bracket and arm with torch
- 4- clean before welding with brush
- 5- set up machine to 135 amps
- 6- weld across bottom and top ends
- 7- reheat with torch (65 deg C)
- 8- on one side weld from bottom to top half way
- 9- same for other side (half way)
- 10- from half way point weld the rest of the first side (ease off pedal near 11- same for remaining side (ease off pedal near end)

W/O:	•		٧	VORK ORDER CHANGES				
DATE	STEP	PROCE	EDURE CH	HANGE	Ву	Date Qty	Approval Chief Eng / Prod Mgr	Approval QC Inspector
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							·	
Part No	: <u>D</u> 35	560-04 PAR #:	Fault Ca	itegory: Lange Fab. /Process NC	R Yes N	DQA:	Date: <u>/</u>	1.06.09
1/653	R	esolution: <u>Lousoll</u>	Disposi	tion: Royand QA	a: N/C Clos	sed:	Date: _	11/06/10
NCR: 3	62615	WC	ORK OR	DER NON-CONFORMANCI	E (NCR)	V		
DATE	STEP	Description of NC Section A	Initial Chief Eng	Corrective Action Section B  Action Description Chief Eng	Sign & Date	Verification Section C	Approval Chief Eng	Approval QC Inspector
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Thursday, May 12, 2011 3:35:49 PM



Page 3

Item ID:

D3560-041

Accept

Setup Start



**Revision ID:** 

Item Name: Arm Weldment

**Start Date:** Required Date: 5/24/2011

5/12/2011

Start Qty: 6.00

Req'd Qty: 6.00



**Cust Item ID: Customer:** 

Reference:

**Approvals:** 

QC:

Process Plan:

Date:

Date:

**Tooling:** SPC (Y/N): Date: Date: Run

Start

Stop

Stop



Sequence ID/

Work Center ID

150

Quality Control

**Operation** Description

OC5- Inspect part completeness to step on W/O

Memo

Set Up/ **Run Hours** 

Tool ID

Tool # Plan Code

Accept Qty

Reject Qty

Reject Insp. Number Stamp

160

Quality Control

QC9- Inspect visual per QSI004- Fusion Welds

0.00

0.00

6 8 86 11/04/08

170

HandFinish

Chemical Conversion Coat per QSI005 4.1

0.00

Memo

Memo

0.00

Hand Finishing

	-							
W/O:			W	ORK ORDER CHANG	ES			
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Thursday, May 12, 2011 3:35:49 PM



Page 4

Item ID:

D3560-041

Accept

Setup Start

Stop



**Revision ID:** 

Item Name:

Arm Weldment

5/12/2011

Start Qty: 6.00

Required Date: 5/24/2011

Req'd Qty: 6.00



**Cust Item ID:** 

Customer:

Tool ID

Reference:

Start Date:

Approvals:	
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Process Plan:

Operation

Description

Date:

Tooling:

Set Up/

**Run Hours** 

Date:

Date:

Run

Start

Stop



Sequence ID/

Work Center ID

Date: SPC (Y/N):

Code

Tool # Plan

Accept Qty

31 1

Reject Reject Qty Number

Insp. Stamp

180

Quality Control

Memo

OC3-Inspect Part Finish

0.00

0.00

190

Small Fab Small Fab

Small Fab

Memo

0.00 0.00

Memo

1-Press bushing in D3560 arm per dwg D3562

200

QC

Quality Control

QC5- Inspect part completeness to step on W/O

0.00

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W/O:			W	ORK ORDER CHANG	ES				
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Thursday, May 12, 2011 3:35:49 PM



Page 5

Item ID:

D3560-041

Accept



Setup Start



**Revision ID:** 

Item Name:

Arm Weldment

**Start Date:** 

5/12/2011

Start Qty: 6.00

Required Date: 5/24/2011

Req'd Qty: 6.00



Date:

**Cust Item ID: Customer:** 

Tool ID

Reference:

Αp	pro	vals:	

QC:

Process Plan: \_\_\_\_\_

Date:

**Tooling:** 

SPC (Y/N):

Date:

Tool # Plan

Start Run

Stop

Reject

Number

Stop



Insp.

Stamp

Sequence ID/ Work Center ID

210

Packaging

Packaging

**Operation** Description

Identify as per dwg & Stock Location: WA

Memo

\*\*\* STOCK IN STEP CELL\*\*\*

Set Up/ **Run Hours** 

0.00

0.00

M11.06.09 6

Date:

Code

Qty Otv

Accept

Reject

220

Quality Control

QC21- Final Inspection - Work Order Release

0.00

Memo

0.00

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W/O:			W	ORK ORDER CHANGE	S				
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#### **Picklist Print**

Thursday, May 12, 2011 3:35:56 PM

Work Order ID: 69615

Parent Item: D3560-041

Parent Item Name: Arm Weldment



Start Date: 5/12/2011

Required Date: 5/24/2011

Date

Issued

Start Qty: 6.00

Required Qty: 6.00

Comments:

IPP Rev:A IPP rev B IPP Rev:C New Issue 07.05.24

ECN 987

07.10.09

ECN1048 07-12-18

Manufactured

Purchased

Manufactured

EC EC verified by: DD DD verified by: EC

Component	Item	ID,
Item Name		

Replacement Mfg/ Item ID

Purch

Bin

No

No

No

**Primary** Item Location Last Location

Route Seq ID

100

Unit of

Each

Measure

Qty on Hand

11.0000

Loc Code

Qty per Kit Total Qty

Qty Issued

Status

Page 1

D2808

Bushing

Location

32896

GA

46738

140

9 f

Loc Qty

11 2

16.0000

Loc Code

1.395

8.810526



6061-T6 Bar .500 x 5.00

M6061T6B0.500X05.00

Location

**MAT004** 

112154

190

Loc Qty 16 16

Each

75.0000

1.37 or Lulod3, Lu. 06.06

D3592-1

Plate

Location

WA002

47015

Loc Oty 75

27 48 Loc Code

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DART AEROSPACE LTD	Work Order:	49/15
Description Arm	Dort Number	D3560-1
Description: Arm	Part Number:	D3300-1
Inspection Dwg: D3560 Rev: D		Page 1 of 1

### FIRST ARTICLE INSPECTION CHECKLIST

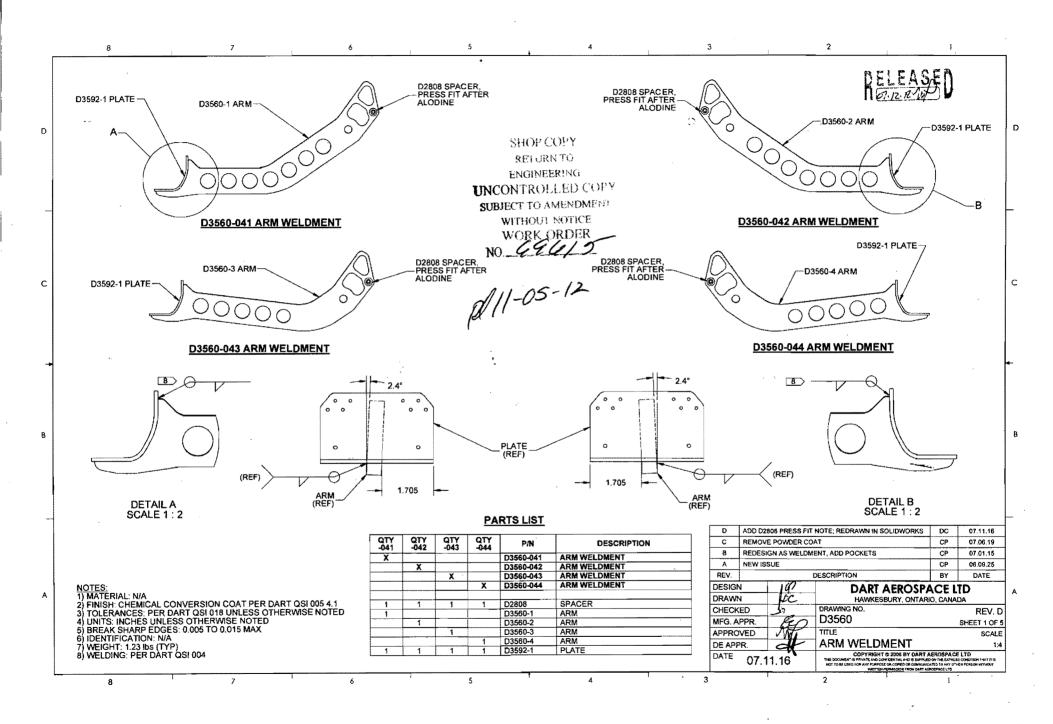
X First Article Prototype

Drawing Dimension	Tolerance	Actual Dimension	Accept	Reject	Method of Inspection	Comments
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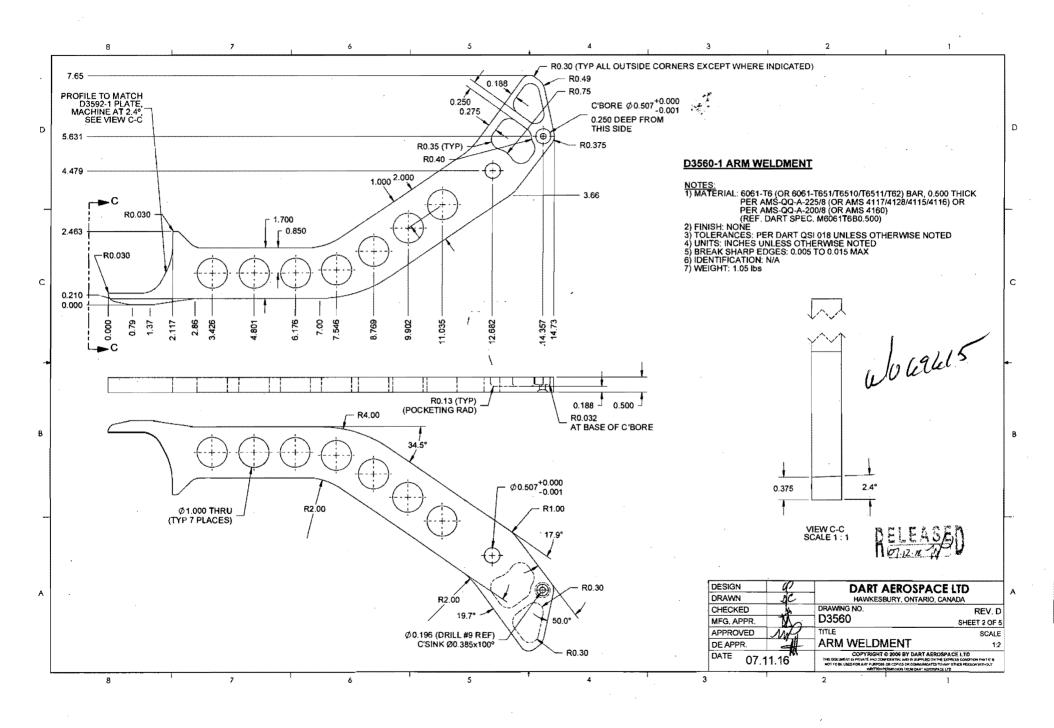
Measured by: BA	Audited by:	onl	Prototype Approval:	N/A
Date: 11 05 31	Date:	11/06/02	Date:	N/A

Rev	Date	Change	Revised by	Approved
Α	07.01.17	7 New Issue P/O D3560-041	KJ/JLM	
В	07.06.13	3 Dimensions updated per Dwg Rev B	KJ/JLM 1,0	
С	08.07.24	4 Dwg Rev updated	KJ/DD OF	N.
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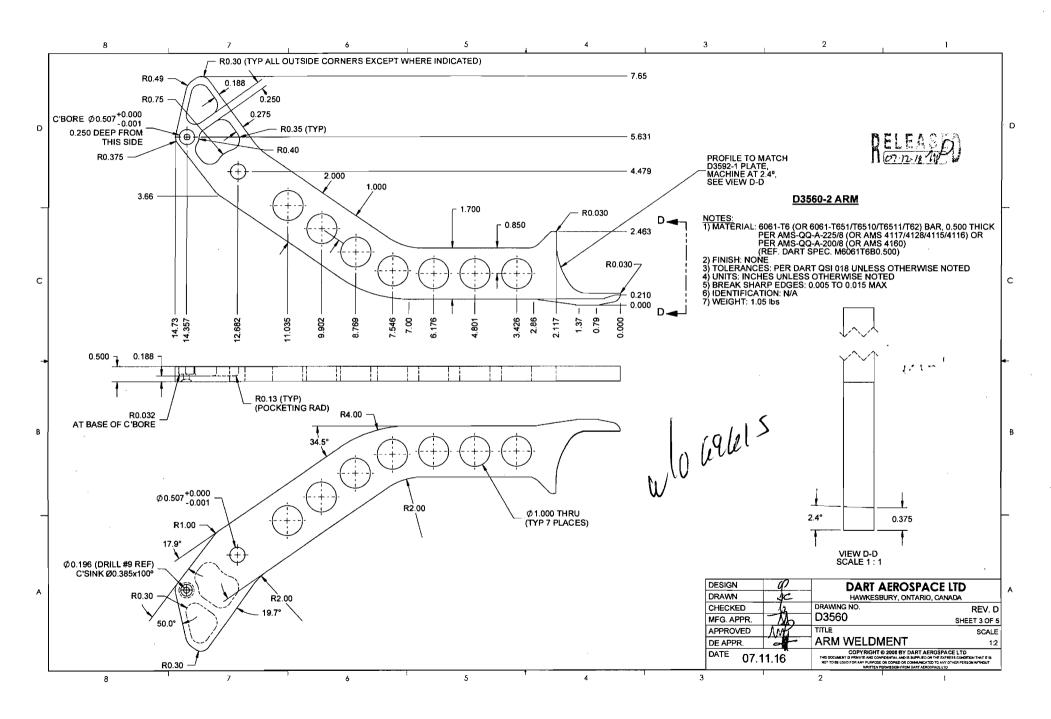
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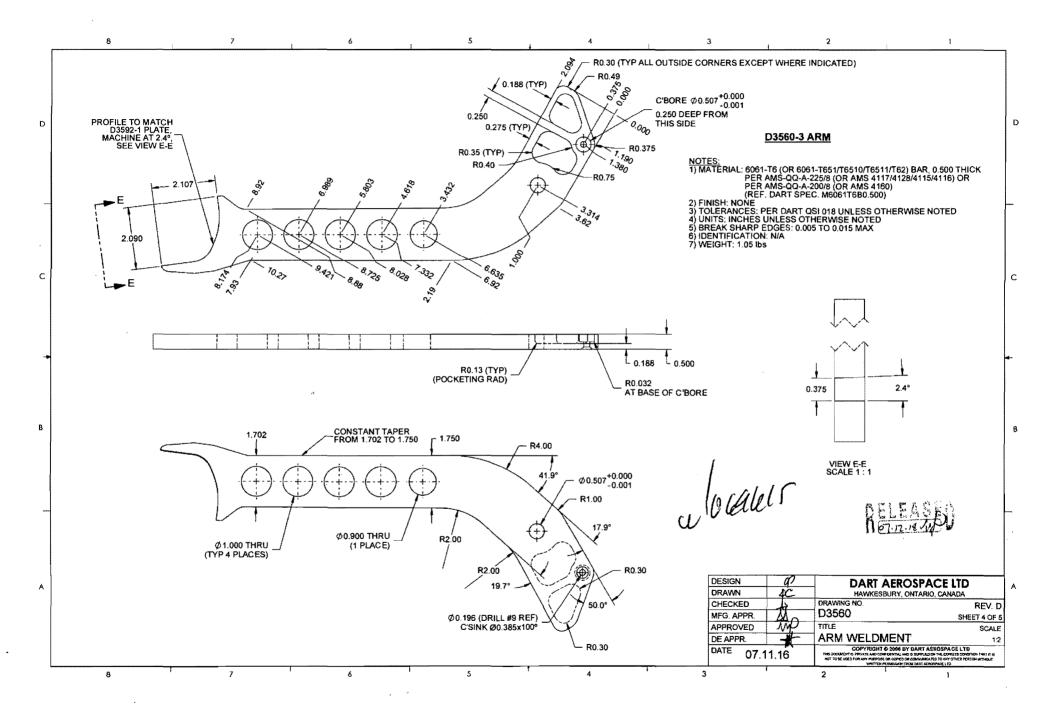
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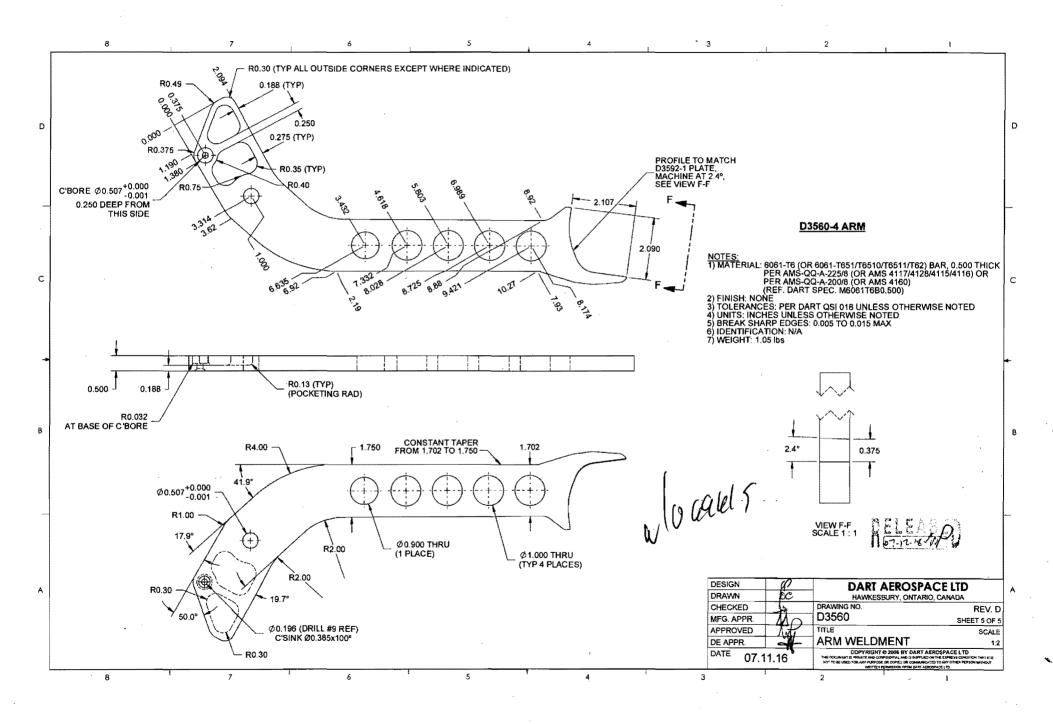
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